Rec'd PCT/PTO 18 MAY 2005

40/5353.0 PTO/SB/01 (09-04)
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DECLARATION	FOR LITIL	ITY OR	Attorney Docket M02B151					
	DESIGN				scно	FIELD et al.	·	
PATENT A		COM	PLETE	F KNOWN				
(37 CF	FR 1.63)	ļ	Application					
✓ Declaration	Declara		Filing Dat	e				
Submitted OR With Initial	Filing (s	ted after Initial surcharge	Art Unit					
Filing	(37 CFI require	R 1.16 (e)) ed)	Examiner Name					
I hereby declare that:								
Each inventor's residence, ma	iling address, a	and citizenship are a	as stated b	elow next to th	neir nam	e.		
I believe the inventor(s) name			inventor(s)) of the subject	matter	which is claim	ned and for	
which a patent is sought on the				VOTENA		·	·	
CONDITION MONITO	KING OF F	OWPS AND P	UMP 5	YSIEW				
the specification of which	2 3	(Title of the	Invention)					
is attached hereto	•							
OR	<u> </u>		٦					
was filed on (MM/DD/Y	YYY)		as Uni	ted States App	lication	Number or Po	CT International	
Application Number		and was amended	d on (MM/I	DD/YYYY)			(if applicable).	
I hereby state that I have revie	wed and under	rstand the contents	of the abo	 ve identified sp	ecificati	on, including	the claims, as	
amended by any amendment	specifically refe	erred to above.		•				
I acknowledge the duty to di								
continuation-in-part application and the national or PCT intern					the filing	date of the	prior application	
I hereby claim foreign priority inventor's or plant breeder's ri	benefits unde	er 35 U.S.C. 119(a))-(d) or (f),	or 365(b) of	any fore	ign application	on(s) for patent,	
country other than the United	States of Amer	ica, listed below an	d have als	o identified be	low, by	checking the	box, any foreign	
application for patent, inventor before that of the application o			ate(s), or a	iny PCT interna	ational a	pplication hav	ving a filing date	
Prior Foreign Application Number(s)	Country	Foreign Filing		Priority Not Claim		Certified C YES	opy Attached? NO	
PCT/GB2003/003167	PCT	07-21-2003	<u> </u>		icu		<u> </u>	
GB 0217494.4	GB	07-29-2002						
	-				'			
							片	

Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]
This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information.

Officer U.S. Patent and Trademark Office U.S. Poperations of Complete Texas P.O. Page 1450, Appendix P.O. NOT SEND FEES OR COMPLETED. Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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DECLARATION — Utility or Design Patent Application
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	correspondence to:	e address sociated with stomer Numbe	r:	020	0411		OR		Correspondence address below
	Name Ira Lee Zebrak	-					··		
	Address				-				
	The BOC Group, Inc., Legal Service 575 Mountain Ave.	es-Intellectual Pro	perty	_					
П	City				State				ZIP \
I	Murray Hill				NJ				07974
/	Country		Telephor	ne			Fax		\
	USA		908-771-64			_		771-6159	
	I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.								
0	NAME OF SOLE OR FIRST IN	VENTOR:	ļ	П А ре	etition	has been filed	l for thi	s unsigr	ned inventor
0	Given Name (first and middle [if		Family I						
	Nigel Paul Schofield								
	Inventor's Signature 1. Schaffel Date 8th Month 05							Date 8th Morch 05	
	Residence: City	State			Coun	try		Citizer	nship
	Horsham, West Sussex	EBX		!	Englan	d		United #	Kingdom
	Mailing Address Milton House, 14 Rushams Road								
	City	State				Zip			Country
	Horsham, West Sussex					RH12 2NT		ι	Jnited Kingdom
	NAME OF SECOND INVENTO	R:				A petition h	as bee	n filed f	or this unsigned inventor
	Given Name (first and middle [if	fany])				Family N	ame or	Surnam	ne
	Siamak					Abbaszade	h		
	Inventor's Signature								Date
	Residence: City	State			Coun	try		Citizer	nship
	Yokohama				Japan			United k	Kingdom
	Mailing Address Yamate Homes 208, 143-6 Yamate-	cho, Naka-Ku		•			•		
	City	State				Zip		Countr	гу
	Yokohama					231- 0862		Japan	
	Additional inventors or a legal rep	presentative are bei	ng named on	thesu	ıppleme	ental sheet(s) PTC)/SB/02A	or 02LR a	attached hereto.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number ADDITIONAL INVENTOR(S) DECLARATION Supplemental Sheet Page 1 Name of Additional Joint Inventor, if any: A petition has been filed for this unsigned inventor Given Name (first and middle (if any)) Family Name or Surname Derek Savidge Inventor's Date 2/3 Signature Shoreham By Sea, West Sussex United Kingdom England Residence: City State Country Citizenship Anchorage, The Street Mailing Address Shoreham By Sea, West Sussex **BN43 5NJ** England State Zip Country Name of Additional Joint Inventor, if any: A petition has been filed for this unsigned inventor Family Name or Surname Given Name (first and middle (if any)) Inventor's Signature Date Citizenship Residence: City State Country Mailing Address Country City State Name of Additional Joint Inventor, if any: A petition has been filed for this unsigned inventor Given Name (first and middle (if any)) Family Name or Surname Inventor's Signature Date Citizenship Residence: City State Country Mailing Address

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State

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10/535390 PTO/SB/01 (09-04)

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Attorney Docket M02B151 Number DECLARATION FOR UTILITY OR First Named Inventor DESIGN SCHOFIELD et al. PATENT APPLICATION COMPLETE IF KNOWN (37 CFR 1.63) Application Number Filing Date Declaration Declaration ✓ Submitted OR Submitted after Initial Art Unit With Initial Filing (surcharge (37 ČFR 1.16 (e)) Filing **Examiner Name** required) I hereby declare that: Each inventor's residence, mailing address, and citizenship are as stated below next to their name. I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled: CONDITION MONITORING OF PUMPS AND PUMP SYSTEM (Title of the Invention) the specification of which ablais attached hereto OR was filed on (MM/DD/YYYY) as United States Application Number or PCT International Application Number and was amended on (MM/DD/YYYY) (if applicable). I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application. I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed. **Prior Foreign Application** Foreign Filing Date **Priority** Certified Copy Attached? Country Number(s) (MM/DD/YYYY) **Not Claimed**

Prior Foreign Application Number(s) PCT/GB2003/003167 GB 0217494.4 Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

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DECLARATION — Utility or Design Patent Application

correspondence to:	ne address sociated with ustomer Numbe	r:	020411			OR		Correspondence address below	
Name Ira Lee Zebrak									
	1								
Address The BOC Group, Inc., Legal Services-Intellectual Property 575 Mountain Ave.									
City				State)				ZIP
Murray Hill	Murray Hill NJ 07974								
Country		Telepho	ne				Fax		
USA		908-771-6	469	908-771-6159)
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.									
NAME OF SOLE OR FIRST IN	NAME OF SOLE OR FIRST INVENTOR: A petition has been filed for this unsigned inventor								
Given Name (first and middle [f any])				Ī	Family Na			
Nigel Paul						Schofield			
Inventor's Signature									Date
Residence: City	State			Cour	trv			Citize	l
Horsham, West Sussex				England United I			Kingdom		
Mailing Address Milton House, 14 Rushams Road			·-						
City	State				Zip				Country
Horsham, West Sussex				RH12 2NT				United Kingdom	
NAME OF SECOND INVENTO	PR:				Α	petition ha	s bee	n filed f	or this unsigned inventor
Given Name (first and middle [i	f any])					Family Na	me or	Surnan	ne
Siamak	d				Α	bbaszadeh			
Inventor's Signature	M	-							Date 28 Feb. 2005
Residence: City	State			Coun	try			Citizer	
Yokohama Japan United Kingdom						Kingdom			
Mailing Address									-
Yamate Homes 208, 143-6 Yamate	-cho, Naka-Ku								
City	State		<u></u>		Zip	 .		Count	ту
Yokohama					231-	0862		Japan	
Additional inventors or a legal representative are being named on thesupplemental sheet(s) PTO/SB/02A or 02LR attached hereto.									

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DECLARATI	Suppleme	Supplemental Sheet Page 1 of 1						
Name of Additional Joint Invento	r, if any:	A pe	etition has been filed fo	r this unsigned inventor				
Given Name (first and midd	le (if any))	Family Na	me or Surname					
Derek		Savidge						
Inventor's Signature				Date				
Shoreham By Sea, West Sussex Residence: City	State		England Country	United Kingdom Citizenship				
Anchorage, The Street	•							
Mailing Address								
Shoreham By Sea, West Sussex City	State		BN43 5NJ Zip	England Country				
Name of Additional Joint Invento		A pe		r this unsigned inventor				
Given Name (first and midd	e (if any))		Family Name or Surname					
Inventor's Signature				Date				
Baritana O'ta	01-1-		0	Citize makin				
Residence: City	State		Country	Citizenship				
Mailing Address								
City	State		Zip	Country				
Name of Additional Joint Invento	r, if any:	A pe	etition has been filed fo	r this unsigned inventor				
Given Name (first and middle	e (if any))		Family Name or Surname					
			<u></u> -:					
Inventor's Signature				Date				
				•				
Residence: City	State		Country	Citizenship				
Mailing Address								
City	State		Zip	Country				

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Application Number	
Filing Date	
First Named Inventor	SCHOFIELD et al.
Title	Condition Monitoring of Pumps
Art Unit	
Examiner Name	
Attorney Docket Number	M02B151

I her	eby revoke al	l previo	ous powers of attorney gi	ven in the ab	ove-id	entified applic	cation.		
I her	eby appoint:								
	Practitioners associated with the Customer Number:								
(OR .		l						
\checkmark	✓ Practitioner(s) named below:								
	Name Registration Number								
	Joshua L. Cohe	n				3	4,307		
	David A. Hey					3	2,351		
	Philip H. Von N	eida				3	4,942]
	Ira Lee Zebrak						1,147]
	/our attorney(s) omark Office conr		s) to prosecute the application erewith.	identified above	, and to	transact all busi	ness in the	United States Patent an	d
Pleas	Please recognize or change the correspondence address for the above-identified application to: The address associated with the above-mentioned Customer Number:								
	OR The address associated with Customer Number: OR								
√	Firm or Individual	Name	The BOC Group, Inc.						
	Address		Legal Services-Intellectual Pro 575 Mountain Ave.	operty					
	City		Murray Hill		State	NJ		Zip 07974	
	Country		USA			,	 	-	
Laws	Telephone		908-771-6469	·-··	Fax	908-771-6159			
Applicant/Inventor. Assignee of record of the entire interest. See 37 CFR 3.71 Statement under 37 CFR 3.73(b) is enclosed. (Form PTG/SB/96)									
			SIGNATURE OF	Applicant or A	ssignee	of Record			
Signa			· Barr				Date	2/3/05	
Name		Derek S	ayidge			<u> </u>	Telephone	e ` '	
	nd Company								-
	Signatures of all thure is required, see		rs or assignees of record of the enti	ire interest or their	represen	tative(s) are requir	ed. Submit n	multiple forms if more than o	ne
	*Total of forms are submitted.								

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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1995, no persons are requi

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Under the Paperwork Reduction

Application Number	
Filing Date	
First Named Inventor	SCHOFIELD et al.
Title	Condition Monitoring of Pumps
Art Unit	
Examiner Name	
Attorney Docket Number	M02B151

I hereby revoke all previous powers of attorney given in the above-identified application.								
I hereby app	I hereby appoint:							
Practitioners associated with the Customer Number:								
OR		L						
✓ Practitioner(s) named below:								
	Name Registration Number							
Joshua	L. Cohen				34	1,307		
David A	Hey				32	2,351		
Philip H	. Von Neida				34	1,942		
Ira Lee						1,147		
	ney(s) or agent(ice connected th	 s) to prosecute the application ide erewith. 	entified above,	and to	transact all busin	ess in the U	Jnited States Patent and	
Please recogni	ze or change the	e correspondence address for the	e above-identifi	ied appl	lication to:			
The a	ıddress associat	ed with the above-mentioned Cus	stomer Numbe	r:				
OR	,			- •		7		
The a	address associa	ted with Customer Number:						
√ Fir	m or lividual Name	The BOC Group, Inc.				<u> </u>		
Address		Legal Services-Intellectual Prop 575 Mountain Ave.	perty					
City		Murray Hill		State	NJ		Zip 07974	
Country		USA						
Telephoi	ne	908-771-6469		Fax	908-771-6159			
Applic	I am the: Applicant/Inventor.							
		the entire interest. See 37 CFR 3 FR 3.73(b) is enclosed. (Form P						
SIGNATURE of Applicant or Assignee of Record								
Signature	1	Shell!				Date	15 MARCH OS	
Name	Nigel Pa	nul Schofield				Telephone		
Title and Comp	any							
NOTE: Signature signature is requi	s of all the invento red, see below*.	rs or assignees of record of the entire	interest or their	represen	ntative(s) are require	ed. Submit mu	ultiple forms if more than one	
*Total of		forms are submitted.						

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	ormation unless it displays a valid OlviB control number.
Application Number	
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First Named Inventor	SCHOFIELD et al.
Title	Condition Monitoring of Pumps
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Examiner Name	
Attorney Docket Number	M02B151

I her	eby revoke al	l previo	ous powers of attorney give	ven in the ab	ove-id	entified applic	cation.	
I her	eby appoint:		[
	Practitioners associated with the Customer Number:							
ď	OR .		Ĺ					
\checkmark	Practitioner(s) named below:							
	Name Registration Number							
	Joshua L. Cohe	n				3	4,307	
	David A. Hey					3	2,351	
	Philip H. Von N	eida				3	4,942	
	Ira Lee Zebrak						1,147	
as my Trade	/our attorney(s) omark Office conr	or agent(sected th	s) to prosecute the application i erewith.	identified above	, and to	transact all busi	ness in the U	Jnited States Patent and
Please	Please recognize or change the correspondence address for the above-identified application to: The address associated with the above-mentioned Customer Number:							
	The address associated with Customer Number:							
\checkmark	Firm or Individual	Name	The BOC Group, Inc.					
	Address		Legal Services-Intellectual Pro 575 Mountain Ave.	pperty				
	City		Murray Hill		State	NJ		Zip 07974
	Country		USA					
	Telephone		908-771-6469		Fax	908-771-6159		
l am the: Applicant/Inventor. Assignee of record of the entire interest. See 37 CFR 3.71. Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)								
			SIGNATURE of	Applicant or A	ssignee	of Record		A
Signat	ture	efl					Date	28.Feb. 2005
Name		Siamak	Abbaszadeh				Telephone	
Title a	nd Company							
	Signatures of all the is required, see		rs or assignees of record of the enti	re interest or their	represer	ntative(s) are requir	ed. Submit mu	ultiple forms if more than one
	*Total of		forms are submitted.					

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